OK		
Depth 6	Contents 7	Reference to last Measurement 8

Est cost: 50 : 00 lakhs
Job code: 005-20-00000

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Serial No. SBR000006/2021/22-06-2020 500702

Name of Work Improvements to CC Road and Drains at Agrahara Village in ward No 05

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work order No. BBMP/EE/BTP/WO/134/2019-20 Dt 8/11/2019						
	Head of Account : P3727 SC-SP/TSP						
	Agency : Executive Engineer. K.R.I.D.L						
	① Earth work Excavation by manual means in Ordinary Soil involving an avg. lift upto 2m and an avg. lift upto 0.5m excavated surface leveled & sides neatly dressed. I/c disposed earth to be leveled neatly after breaking of clods etc.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete						
	@ Rate		137.80/m³			Qty -	577.66 m³
						=	79602=50
	above 12.5 m.		Qty				211.85 m³
	@ Rate		137.80/m³				= 29193=00
(2)	Removing Specifications in Charge		B.S. Slab of drain and Staking and direction of Site Engineer				
						Qty -	202.32 m²
	@ Rate		104.94/m²				= 21231=00
(3)	Refixing Stone Slabs of drains and pointing						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	in C.M (1:3
	@ R
(4)	providing roughly d including f
	@ R
(5)	Construct & down fro

Contents 7	Reference to last Measurement 8
Qty -	577.66 m³
=	79602=50
- 211.85 m³	
	= 29193=00
drain and staking	
& Site Engineer	
Qty -	202.32 m²
	= 21231=50
ins and pointing	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500703

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	in C.M (1:3) specification @ Rate 111.30/m²					Qty - 202.32 m²	= 22518=50
(4)	providing granite slabs & Selected quality roughly dressed and fixed in C.M (1:6) including fixing curing etc and compleate @ Rate 742/m²					Qty. 277.56 m²	= 205950=00
(5)	Construction & Rolled C.C mix 1:4:8 with 25 m.m down size graded granite metal coarse						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregate & fine aggregate base course with coarse & fine aggregates aggregate & cement ratio 12:1 & min cement content of 180 kg/m³ aggregate gradation to be as per Table 600-4 after blending mixing in batching plant at optimum moisture content transporting to site laying with paver with electronic sensor computing with 8-10 tonnes smooth wheeled vibratory roller to achieve etc complete						
	Date 3606.12/m³					Qty 122.83 m³	= 442940 =

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(6)	providing and SSM in foun dressed in co bond stone at including cos etc complet
	above 125

Contents	Reference to last Measurement
7	8
base course aggregate + ment coated- dation to be ending mixing mum moisture laying with- nsor compacting hecked vibratory mplete $122.83\ m^3$ $= 442940 =$	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500704

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	providing and Constructing granite/trap/basalt- SSM in foundation with C.M 1:6 Stone hammered dressed in courses not less than 20cms high bond stone at two m. apart in each course including cost- A materials labour curing etc Complete.						
	@ Rate 4871.76/m^3					Qty -	$54.00\ m^3$
							$= 263075=00$
	above 12%					Qty -	$46.80\ m^3$
	@ Rate 4871.76/m^3						$= 227998=00$

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	providing & Constructing granite/trap/basalt- SSM in basement- with C.M 1:6 edges of stones chisle dressed in courses not less than 15 c.ms high bond stones at two m apart in each course including cost of matcias labour curing etc complete						
	● Rate ₹811.98/m³					Qty - 33.75 m³	
						= 19154=00	
	above 12%. ———					Qty - 45.45 m³	
	● Rate ₹811.98/m³					= 26154=00	
(8)	providing & laying in position P.C.C A mix 1:3:6 with 20 m.m & down size grades granite metal						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Course agg concreate la well compa cost of all
(9)	providing f with C.M 1:3, 2 A 20 m.m siz labour Cur

Contents 7	Reference to last Measurement 8
mite/trap/basalt-	
m 1:6 edges of	
courses not	
stones at two m	
ding cost of	
etc complete	
- 33.75 m³	
= 19154=00	
- 45.45 m²	
= 26454=00	
P.C.C A mix 1:3:6	
granite metal	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500705

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Coarse aggregate & fine aggregate MLC Mixed concreate laid in layers not exceeding 15 c.m thick well compactes in foundation + plinth including cost of all materials curing etc complete.						
	@ Rate 5627.54/m³				Qty- 31.33 m³		
					= 176311=00		
(a)	providing flush pointing to courses stone masonry with C.M 1:3, 20 m.m deep after raising the joints to depth & 20 m.m nicely Lining including cost of materials labour curing etc complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ Rate 149.46/m³				Qty-	75.00 m³	
	above 25%.				Qty	97.80 m³	= 11209 = 00
	@ Rate 149.46/m³						= 14617 = 00
(10)	providing & constructing precast concreate solid blocks with compressive strength not less than 35 kg/m² with C.M 1:4 masonry with solid concrete blocks of size 40 x 20 x 20 cms in superstructure including cost of materials labour charges scaffolding curing etc complete				Qty-	33.96 m²	= 3230 = 00
	@ Rate 966.72/m²						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
(11)	precast sla -ng (centi- lid in lay computes mainer cost- n w
(12)	providing size grad

h	Contents 7	Reference to last Measurement 8
-	75.00 m³	= 11209 = 00
	97.80 m³	= 14617 = 00
	- concreate solid	
	ngth not less than	
	ny with solid	
	x 20 x 20 cms in	
	f materials labour	
	etc complete	
	- 3396 m²	= 32830 = 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500706

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(11)	precast slabs 20 m.m & down size for slab including centering & shuttering m/c mixed concreate laid in layers not exceeding 15 c.m like well compactes cost of all material labour HOM & machines curing complete including all cost of materials 10 c.m like etc complete					Qty - 6469 m²	= 135857.4 = 00
	(a) Rate 2100/m²						
(12)	providing & laying c.c using 20 m.m & down size granite jelly of ready mixed for R.C.C						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work laid in 15cm thick layers & well compacted vibrating during finishing with necessary C.M from work & scaffolding to withstand pumping of concrete with all lead & lift etc complete Qty - 46.90 m³ @ Rate 5770.64/m³						= 270643.00
(13)	providing & fixing 20 m.m thick compressible fibre board in expansion jt complete as per drawing & technical specifications complete Qty - 100.00 m² @ Rate 126.14/m²						= 12614.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(14)	Vacuum de- mat & comp floating dis machinery lift etc c
(15)	loading & u means etc

Above

Contents	Reference to last Measurement
7	8
...ers & wall finishing with ...e & scaffolding ...oncrete with	
4690 m²	
= 270643·00	
...e compute cible	
...complete as per ...tion complete	
100.00 m²	
= 12614=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500707

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Vacuum De-watering with Vacuum pump and suction mat & compaction with 5Cm thick floating discharging cost of generator HOM of machinery power float blade & use with all load & lift etc complete. @ Rate 72.08/m²					Qty - 469.01 m² = 33806=00	
(15)	loading & unloading of stone boulders by manual means etc complete @ Rate 60.42/m³					Qty - 577.16 m³ = 34902=00	
	Above 125% @ Rate 60.42/m²					Qty - 211.85 m² = 12800=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E1	providing & laying P.C.C @ mix 1:3:6 with Crushes 40 m.m & down size graded granite metal (coarse & fine aggregate in foundation or mechanically mixes plants in foundations compacted by vibration including curing for 14 days including curing etc complete						
	Qty: 18.72 m^3						
	@ Rate 5421.90/m^3 = 101498=00						
E2	providing laying plain/reinforced C-C for side drains using nominal mix concreate with						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	20m.m & d M.C mixes w size granit materials
E3	providing work incl placing in

Contents 7	Reference to last Measurement 8
mix 1:3:6 with e graded granite regate in foundati n in foundation & g curing for complete 18.72 m³ m³ = 101498=00 ces C-C for side r concreate with

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500708

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	20m.m & down size granite metal coarse aggregate MIC mixes well compacted for wall & Bottom & Down size granite metal including shuttering cost of materials HOM & machinery curing etc complete @ Rate 7070.20/m³					Qty. 32.28 m³ = 228226=00	for R.C.C
E3	providing T.M.T Steel reinforcement work including Straightning Cutting. bending hooking placing in position lapping & welding wherever						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	requires tying with binding wire & anchoring to the adjoining members wherever necessary etc complete						
						Qty 2.42 Tonne	
	@ Rate 75223.96/Tonne						= 182042=00
						Total =	4222896=00
						For 12% GST =	506747=00
						For 3% KRIDL charges	= 126687=00
						Labour Cess 1%	= 42229=00
						Total Amount	4898559=00

5/5/20

C&R
Raghu 5/5/2020

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate:
	① This is
	Satisfa
	② The abo
	any m

5/5/20

Contents 7	Reference to last Measurement 8
wire & anchoring whenever 2.42 Tons =1820.42=00 = 422896=00 = 506747=00 L charges = 126687=00 = 42229=00 = 4898559=00	

M. A. R. 57 (Rule 116)
Measurement Book

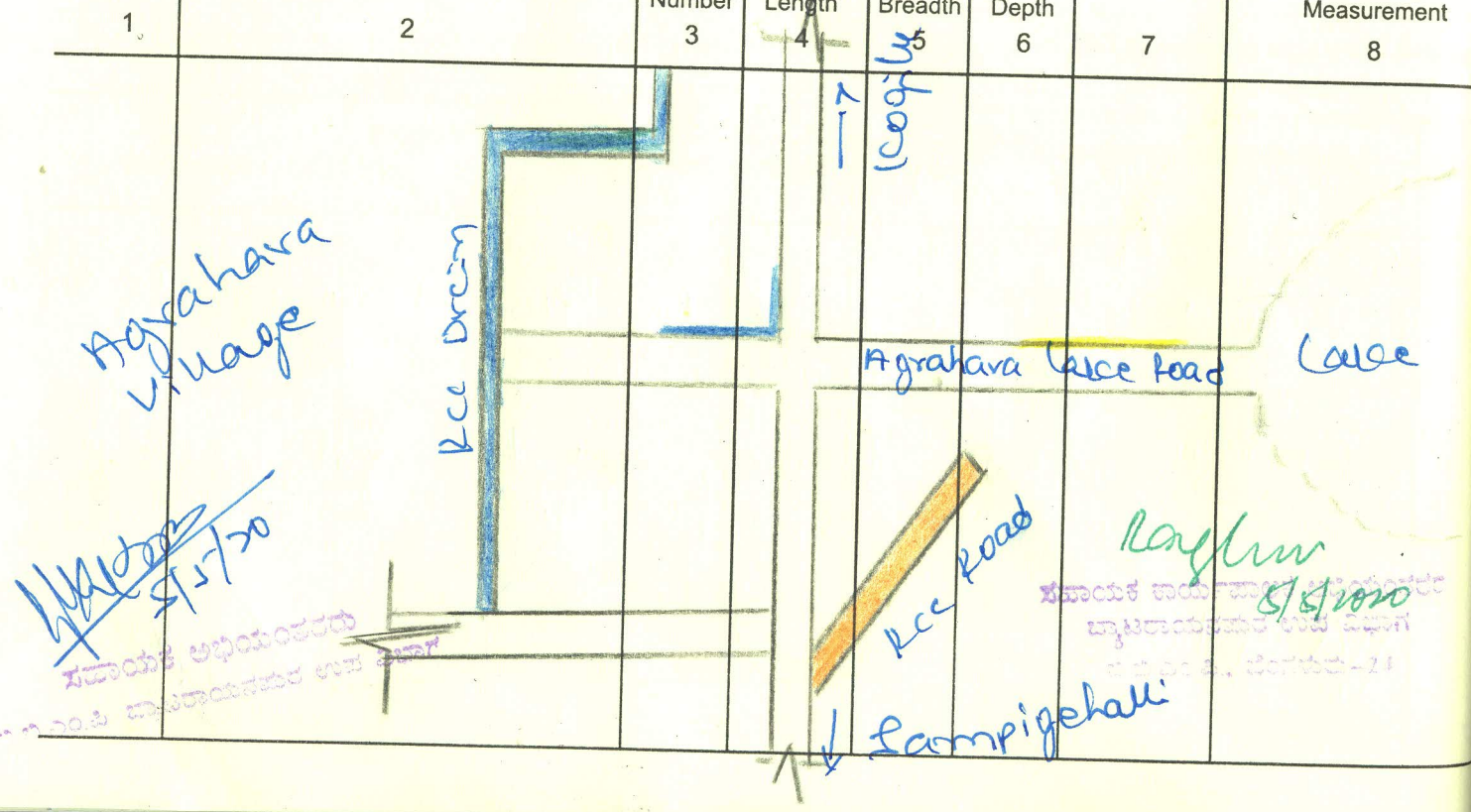
No. B 500709

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Certificate: ① This is certified that the above work done satisfactorially. ② The above Bill amount has not been paid any of previous bills. 5/5/20 Raghu 5/5/2020 Assistant Executive Engineer, Byatarayanapura Sub-division KRIDL, BBMP, Bangalore						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2

OK

Depth 6	Contents 7	Reference to last Measurement 8
ava Lalce Road	Lalce	
Road	Raghu 5/6/2020	
mpigehalli		

50

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500710

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			First & Final. P-3727 4898500=00				Bill :- 4898500=00
			531810=00				IT :- 97970=00
			4366690=00				LC :- 48985=00
							CGF :- 4899=00
							SGST :- 43737=00
							CGST :- 43737=00
							FSD :- 244925=00
							Rajaji :- 42557=00
							fine :- 5000=00
							IT :- 531810=00
							Net :- 4366690=00

FT/NEFT/RTGS ... ಬಿಲ್ಲಿನ ಸಂಖ್ಯೆಯನ್ನು ಬರೆಯಿರಿ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವ್ಯಾಪಾರವಾಹನಗಳ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು